



San Luis Obispo Regional Transit Authority  
Bus Maintenance Facility  
03/31/20

**SLO RTA BUS MAINTENANCE FACILITY  
SAN LUIS OBISPO, CA**

**Bid Addendum No.2  
March 31, 2020**

**Previously Issued Addenda: Addendum No.1**

The Contract Documents for the above-referenced Project are modified as set forth in this Addendum. This addendum is considered part of the Contract Documents pursuant to section 00 50 00 Article 6 and is issued to change, amplify, or delete from or otherwise explain these documents where provisions of this addendum differ from those of the original documents. Bidder shall take this Addendum into consideration when preparing and submitting a bid, and shall acknowledge receipt of this Addendum in the space provided on the Bid Form.

**Updated BID DATE and RFI DEADLINE**

**BID DATE:** The Bid has been **extended** to Tuesday April 21<sup>st</sup> 2020 at 2:00pm. (See question 016)

**RFI DEADLINE:** The question and answer period has been **extended** to April 8<sup>th</sup> 2020 at 5pm. (See question 016)

**A. List of Attendees for the Mandatory Pre-Bid Conference Call on Thursday March 26<sup>th</sup> at 1:00pm**

3/26 Attendance for General Contractors		
Company Name	Name of Main Point of Contact (POC)	Email of POC
Specialty Construction, Inc	Nathan L. Agin	NAGin@specialtyconstruction.com
Katch Environmental, Inc	Paul Katchadourian	Paul@Katchenvironmental.com
Buhler Commerical Construction	Steve Buhler	Steve@buhlercommercial.com
Alan Roinestad Construction and Management, Inc	Bill Ludwig	bl@alanroinestad.com
Newton Construction & Management	Traci Parrish	traci@newtonconstruction.com
Avila Construction	Nick Avila	nick@avilaconst.com
Bernards	Michael Coss	MCoss@bernards.com
J.W. Design & Construction, Inc	Derek Williams	Derek@JWDCI.COM
S.C. Anderson	Roman Cyrus	romancyrus@scanderson.com
John Madonna Construction	John Madonna	John@jmadonna.com
Wysong Construction	Will Ferraro	will@wysongconstruction.com
Quincon, Inc	Jose Quintana	jose@quinconinc.com

**B. PowerPoint Presentation Shared During the Mandatory Pre-Bid Conference Call.**

- I. Please see attached PDF titled "FINAL 3.26.20 SLO RTA BMF Pre-Bid Meeting"

**C. Updates to Drawing Bid Set Sheets:**

**I. See below for description of changes.**

*Following the Issue For Bid documents, the design team received engineering feedback from PG&E for the electrical primary service for the proposed facility. Drawings E-100, E-101, C-205, C-206, C-300, and C-302 have been revised to reflect these changes in coordination with PG&E. The future primary service connection, conduits and pull-boxes, for a second primary service to the bus canopy area has been removed from the current primary connection off of the south/east corner of the project site. New conduits and pull-boxes have been added for future primary connections from both Prado Road at the southwest corner of the site and from Elks Lane adjacent to the bus exit driveway.*

**II. Please use the attached updated Addendum 2 drawings as follows:**

- a. Please Replace Sheet E-100 with E-100\_addendum2
- b. Please Replace Sheet E-101 with E-101\_addendum2
- c. Please Replace sheet C-205 with C-205\_addendum2
- d. Please Replace Sheet C-206 with C-206\_addendum2
- e. Please Replace Sheet C-300 with C-300\_addendum2
- f. Please Replace Sheet C-302 with C-302\_addendum2

**D. Questions**

**I. Pre-Bid Questions and Responses ( for Questions 001 – 005 see Addendum No.01)**

**Question 006:** The primary ¼" per ft slope is in the steel deck. Please confirm that the ½" per ft crickets are formed with tapered insulation?

**Response to Question 006:** Correct, crickets are to be built-up tapered insulation.

**Questions 007:** What thickness/R- value are you requiring for the base roof insulation?

**Response to Question 007:** Refer to Roof Assembly, detail 4/A-500.

**Question 008:** Wage rate - Is this San Luis county prevailing wage or federal rate?

**Response to Question 008:** The RTA Bus Maintenance Facility Project is subject to California prevailing wage rates and Davis Bacon wages for federally funded projects. Contractor is responsible to comply with the more stringent requirement for wages per the California Department of Industrial Relations (DIR) and the U.S. Department of Labor.

**Question 009:** Please provide the budget/engineer's estimate.

**Response to Question 009:** See response to Question 001 in Addendum No.1

**Question 010:** Please provide anticipated start date when you get a chance.

**Response to Question 010:** The RTA Board of Directors will provide staff with authorization to issue a Notice to Proceed at its May 6, 2020 meeting. The successful contractor will begin work within ten (10) days from the Notice to Proceed. The RTA is planning a ground-breaking ceremony on May 27 on-site, and expects the successful bidder to assist with site preparation.

**Question 011:** When will the bidders list be made available?

**Response to Question 011:** See Addendum 2 section A for bidders list.

**Question 012:** Will this presentation document be made available to us?

**Response to Question 012:** See Addendum 2 section B for presentation document from 3/26 pre-bid conference call

**Question 013:** What Brand of DCC Controls are specified?

**Response to Question 013:** The DDC controls are specified in section 23 09 13 – Building Automation System for HVAC, part 2.02.

**Question 014:** Can we get a picture of the existing electrical service?



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**Response to Question 014:** The existing electrical service at the former U-Haul dealer building located at 253 Elks Lane is scheduled to demo by the awarded contractor.

**Question 015:** Is it possible to consider an electronic submission of the bid before the deadline in lieu of a normal bid opening?

**Response to Question 015:** No, the bid must be in paper format.

**Question 016:** Due to the current state of covid 19, some offices are less staffed. Will you consider extending the bid date by 2 weeks?

**Response to Question 016:** The bid closing date is extended to Tuesday April 21 at 2:00PM local time. The question and answer period is extended to April 8th at 5:00pm local time.

**Question 017:** There are several requirements for DBE documentation to be provided at the time of bid, and will be very difficult to manage when closing the bid. Can these items be a requirement upon identifying the low apparent bidders?

**Response to Question 017:** The requirements for DBE documentation shall be provided by the apparent three lowest bidders within seventy two (72) hours after bid opening.

**Question 018:** Will the RTA Accept a DBE that is certified by the State of California?

**Response to Question 018:** Yes, the RTA will accept a State of CA DBE certification.

**Question 019:** Will there be any local vendor (registered w/ SLO County) preference?

**Response to Question 019:** No, there is no local vendor preference.

**Question 020:** The bid documents reference "Board of Supervisors" and "RTA Board of Directors." Are both governing bodies involved with this procurement?

**Response to Question 020:** No, only the RTA Board of Directors pertains to this procurement. All references to "Board of Supervisors" is hereby replaced with "RTA Board of Directors."

**Question 021:** Is the bid bond amount 5% or 10% (The RFP states a different requirement in two sections)

**Response to Question 021:** Bid bond amount shall be 10%

**Question 022:** Which CMU type should be figured for the Monument sign?

I see that it says CMU 2 on the plans but there are two types of CMU 2's that are being used on this project. CMU Type 2A and 2B.

Which should I figure?

**Response to Question 022:** The monument sign should be CMU type 2B.

**Question 023:** Are .IFC files available from structural engineer or architect? If not, can those be requested?

**Response to Question 023:** No, we're not sharing this information with bidders, but could potentially share with the awarded contractor.

**Question 024:** Is the SLO RTA BUS MAINTENANCE FACILITY a prevailing wage project and if so could you tell me what rate carpenter class is at?

**Response to Question 024:** See response to Question 008 above.

**Question 025:** Which CMU Type should be figured for the Barbecue Grill towards the west of the operations portion of the building on sheet A-100?

**Response to Question 025:** The CMU type for the BBQ is CMU-2B as noted on 1/A-451, 3/A-451, 5/A-451.

**Question 026:** Can we get a copy of the required NFPA-13 Owner's Certificate filled out stating all the intended uses?

**Response to Question 026:** See attached draft Owner's Certificate titled "Owners Information Certificate\_NFPA13\_slorta-bmf\_DRAFT" for bidders reference. Final certificate is to be provided by the awarded fire protection contractor/engineer. All content provided on this form can also be found on the bid drawings, in particular on the code sheets (G-series), equipment drawings (Q-series), and the fire protection drawings (FP-series).

**Question 027:** On page 65 of 1898 of the Volume 2 Technical Specifications, section 1.06 (A, B) explains that the fabricator and installer must participate in the AISC Quality Certification Program and be a AISC-Certified Erector/Plant. This qualification will remove likely ALL local steel fabricators from the project.

Please confirm that this qualification will be enforced.

**Response to Question 027:** An acceptable alternative to the steel fabricator and installer participating in the AISC Quality Certification Program and being an AISC-Certified Erector/Plant consist of:

1. Fabricator and Installer demonstrate 5 years or more experience doing work of a similar size and complexity. Include proposed subcontractor and qualifications in bid documents for Owner approval.
2. Fabricator to provide independent special inspection of shop fabrication to comply with AISC QA/QC requirements. Comply with all requirements of AISC 360-16 CH. N and AISC 341-16 CH. J shop inspection requirements.
3. Contractor to include costs for shop inspection in bid for project.



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**E. Subcontractor Pre-Bid Conference Call Attendance List:**

**Attendance for Subcontractors was Non-Mandatory**

3/26 Attendance for Subcontractors			
Company Name	Name of Main Point of Contact (POC)	Email of POC	Trade
Santa Maria Electric, Inc	Andrew Sutton	andrew@smelectric.net	Electrical
3C Engineering	Jason Haendler	jhaendler@3ceng.com	Low Voltage Controls
JF Will Company	Pete Kopcrak	pete@jfwillco.com	Grading Utility
J.R. Barto Heating, A/C, Sheet Metal, Inc.	Faron Goodwin	faron@jrbarto.com	HVAC Wet & Dry
Papich Construction	Steve Manos	Smanos@papichco.com	Site Civil work : Grade, Base, Pave, Underground
Taft Electric	Aaron Gregory	agregory@taftelectric.com	electrical and low voltage
RLH Fire Protection	Jeff Riley	jriley@rlhfp.com	fire sprinkles and fire alarms
Cosco Fire Protection	Rick Marlin	rmarlin@coscofire.com	fire protection
Deep Blue Integration	Curtis Streeter	CURTIS@DEEPBLUEINTEGRATION.COM	FIRE SUPPRESSION, FIRE ALARM, SECURITY, ACCESS CONTROL, CCTV CAMERAS
Smith Electric	Koren Cloud	kc@smith-electric.com	MEP
Air & Lube Systems, Inc	Miguel Micheltorena	mmicheltorena@airandlube.com	10 51 15 - Metal Personnel Duty Lockers
			10 51 26 - Plastic Lockers
			10 56 10 - Indoor Storage Equipment
			11 11 13 - Industrial Compressed Air Equipment
			11 11 19 - Vehicle Service Fluid Dispensing Equipment
			11 11 29 - Industrial Shop Equipment
			11 11 33 - Industrial Vacuum Equipment
			11 11 36 - Custom Fabricated Industrial Shop Equipment
			11 11 43 - Relocation of Existing Industrial Shop Equipment
			14 45 00 - Vehicle Lifts
			22 05 13 - Common Motor Requirements For Plumbing Equipment
			22 05 53 - Identification for Plumbing Piping and Equipment
			22 12 23 - Facility Indoor Potable-Water Storage Tanks
			22 15 11 - General Service Compressed Air Piping
Michael Frederick Paving Corp	Leon Valcius	leonv@mfpaving.com	Paving
Golden State Sealing & Striping, Inc	Gary Riecki	gs@goldenstateoffice.com	parking lot (paving, striping, signage, wheel-stops, surface applied truncated domes)
Brown's Construction Service	Rob Watson	Rob@brownsconstruction.us	excavation, grading, and demolition
John Madonna Construction	John Madonna	John@jmadonna.com	Site work - General Engineering
Thoma Electric	Steve Arnold	SArnold@thomaelec.com	Electrical
Quincon, Inc	Jose Quintana	jose@quinconinc.com	TBD

**Addendum Available at:**

- San Luis Obispo Builders Exchange Planroom
- Kitchell's FTP Site
- San Luis Obispo Regional Transit Authority Website

**END OF ADDENDUM NO. 2**

# SLO RTA Bus Maintenance Facility

Pre-Bid Meeting

March 26<sup>th</sup> @ 1:00 pm

Meeting held via Skype Conference Call

# Recording Attendance for Pre-bid Meeting

- Please email : Sarah Maloney at [smaloney@kitchell.com](mailto:smaloney@kitchell.com)
- Email must be received by 3:00pm today (3/26).
- Please include:
  - Name of Company
  - Name of main contact for project
  - If you are interested in bidding the job as a general contractor or subcontractor (please provide trades you are interested in as a subcontractor)
  - Contact information:
    - Phone number
    - Email address
- Attendee list will be posted on the locations hosting the bid documents: SLOBE Planroom, the RTA's website, and the Kitchell FTP site. The attendee list will also be issued in an upcoming addendum.

# Project Team

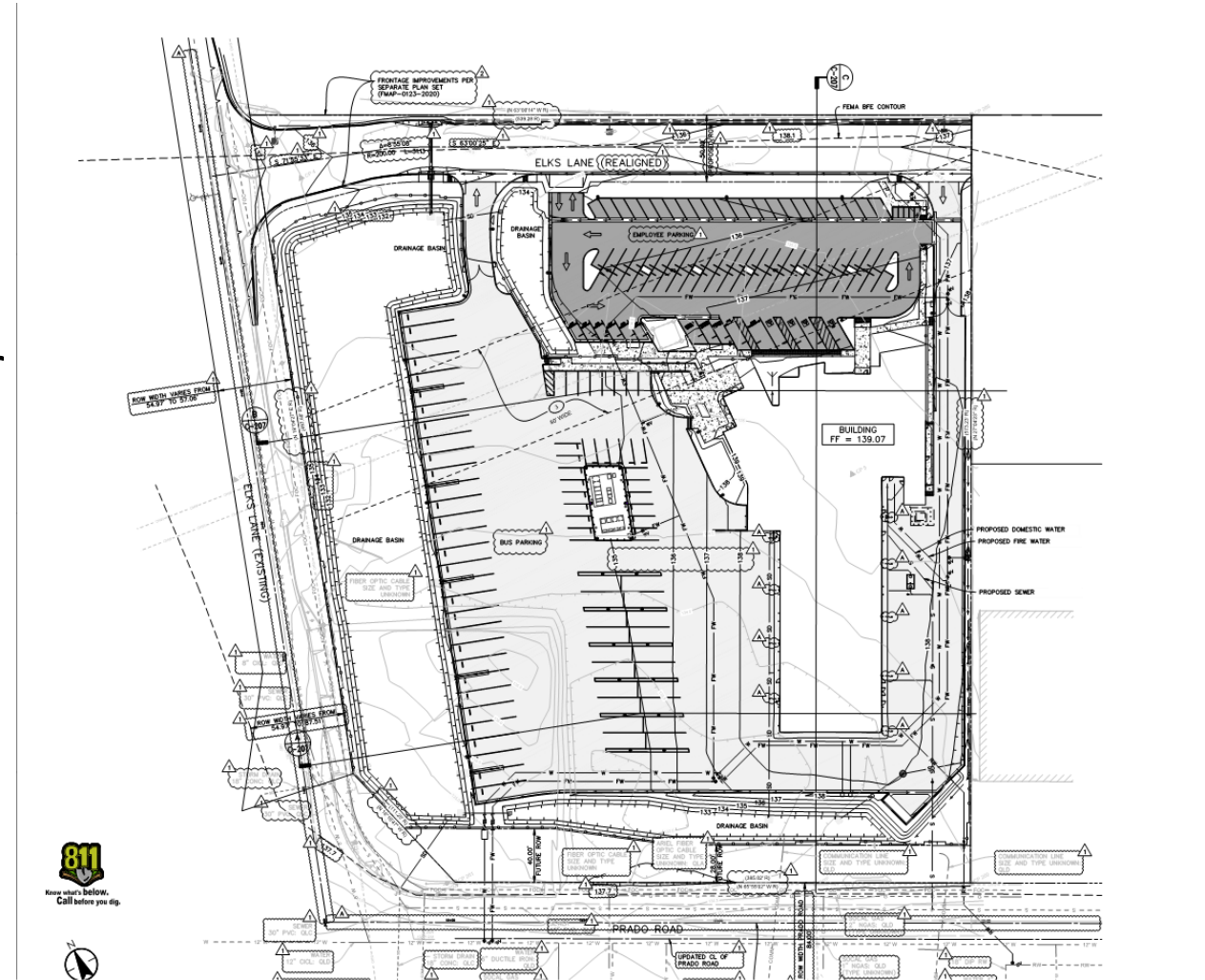
- Owner: RTA
  - Geoff Straw – RTA Executive Director
- Architect: Stantec
  - Will Todd
  - Birce Kozanli Zarate
- Construction Management : Kitchell CEM
  - Tully Wyatt – Senior Project Manager (Preconstruction)
  - Ryan Stefanek – Project Engineer (Preconstruction)
  - Sarah Maloney – Project Engineer

# Project Location: 253 Elks Lane, San Luis Obispo, CA 93401



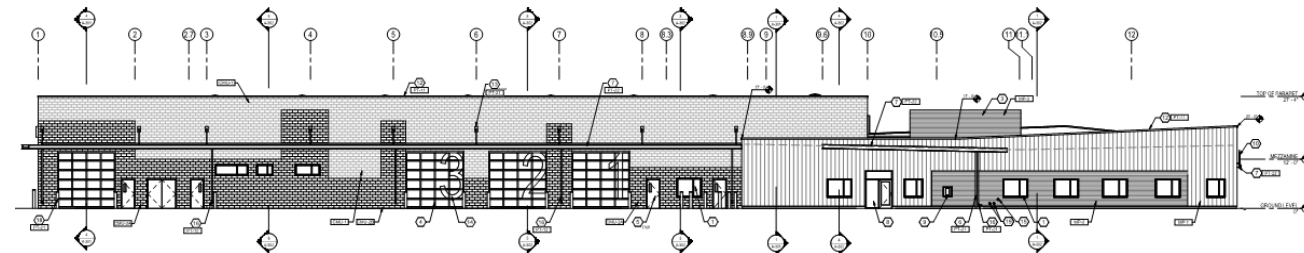
# Project Description : Site Development

- 6.44 – acre site development
  - 28,650 sq. building
  - Stand alone CMU Trash Enclosure
  - Stand alone Metal Canopy over Bus Parking
  - Concrete parking lot and drive aisles for buses, asphalt parking area for employee parking lot
  - Landscaping and perimeter fencing
  - Underground site MEP infrastructure
  - Drainage Basins
  - Utility yard and bus-charging equipment
  - Frontage Improvements for the Realigned Elks Lane



# Project Description : Main Building

- 28,650 square foot building
  - Structural Steel Frame
  - Cold-formed metal stud exterior walls w/ Metal Wall Panel Systems
  - CMU Wall Systems
  - Metal Framing Interior Partitions
  - Hollow Metal Doors & Frames
  - Overhead Sectional and Coiling Doors
  - Aluminum-Framed Storefront and Window Systems
  - Mechanical Building Systems
  - Electrical and Technology Infrastructure
  - Plumbing systems with sand/oil trap
  - Vehicle maintenance equipment and fluid systems



# Important Dates

- 4/3 at 5:00pm – RFI deadline

- shall be submitted in writing to the San Luis Obispo Regional Transit Authority via electronic mail to **BOTH** Tully Wyatt at: [twyatt@kitchell.com](mailto:twyatt@kitchell.com) and Geoff Straw at: [gstraw@slorta.org](mailto:gstraw@slorta.org) . Request for information/interpretation (RFI), clarification, questions, etc., will not be accepted after 5:00 pm April 3, 2020. Responses to RFI's, clarifications, questions will be posted via addendum.

- 4/15 at 3:00pm – Bid deadline

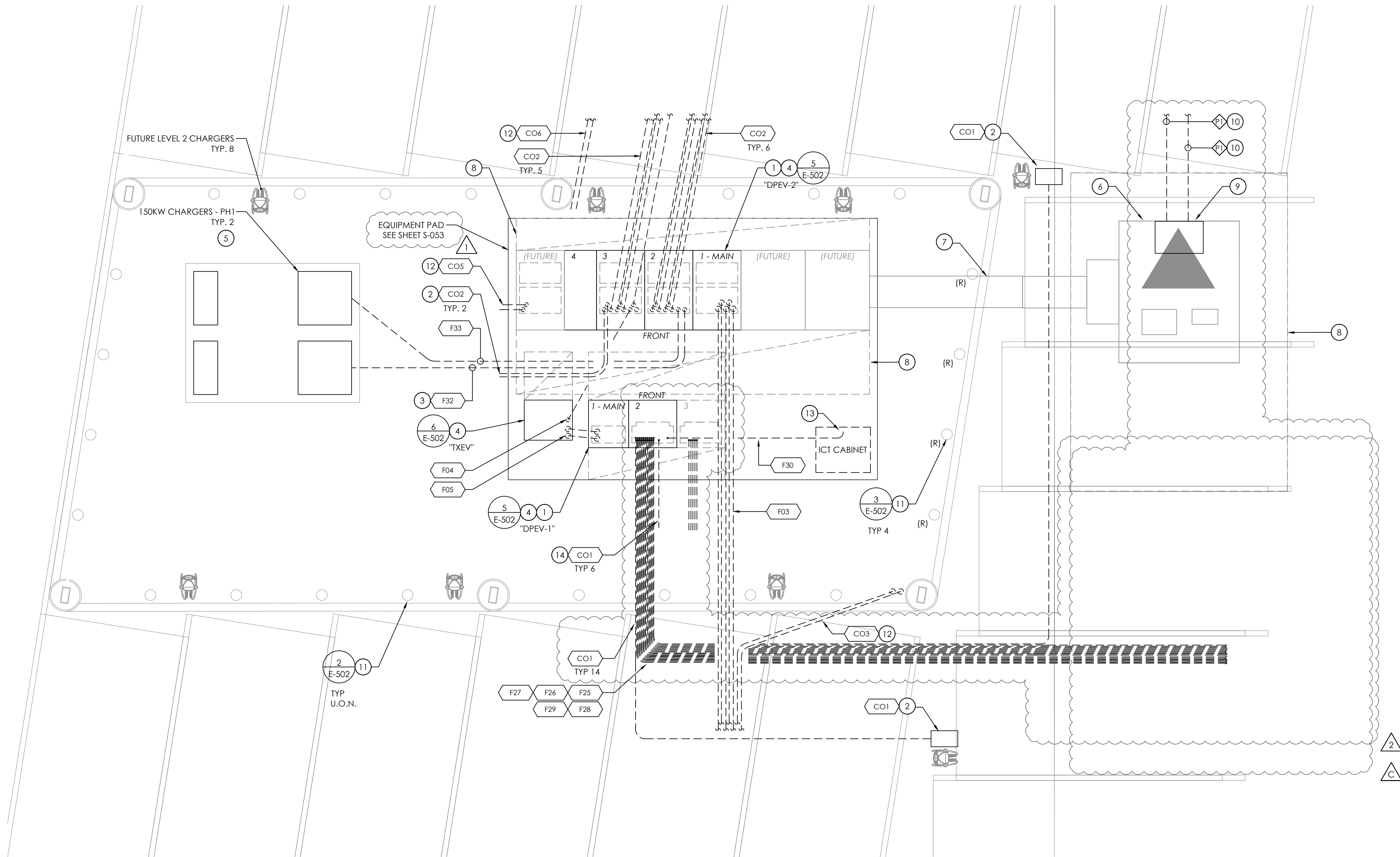
- All bids must be addressed to: San Luis Obispo Regional Transit Authority, and delivered to the RTA offices located at 179 Cross Street, Suite A (2nd Floor), San Luis Obispo, CA 93401, and shall bear the Project Title, Project Number and Name of the Bidder.

Questions?

# Recording Attendance for Pre-bid Meeting

- Please email : Sarah Maloney at [smaloney@kitchell.com](mailto:smaloney@kitchell.com)
- Email must be received by 3:00pm today (3/26).
- Please include:
  - Name of Company
  - Name of main contact for project
  - If you are interested in bidding the job as a general contractor or subcontractor (please provide trades you are interested in as a subcontractor)
  - Contact information:
    - Phone number
    - Email address
- Attendee list will be posted on the locations hosting the bid documents: SLOBE Planroom, the RTA's website, and the Kitchell FTP site. The attendee list will also be issued in an upcoming addendum.





1 BUS PARKING CANOPY UTILITY YARD - ENLARGED PLAN  
1/4" = 1'-0"

#### UTILITY LEGEND

- PG&E PRIMARY (OVERHEAD)
- PG&E PRIMARY (UNDERGROUND), PROVIDE (1) 1/4" C.O. PER UTILITY COMPANY HAND-OUT PACKAGE
- PG&E SECONDARY (OVERHEAD)
- PG&E STREET LIGHT CIRCUIT (OVERHEAD)
- CHARTER (OVERHEAD)
- CHARTER (UNDERGROUND) PROVIDE 2'-4" C.O.
- AT&T (OVERHEAD)
- AT&T (UNDERGROUND) PROVIDE 2'-4" C.O.

#### REFERENCE NOTES

- SEE STRUCTURAL DRAWING SHEET S-053 FOR STRUCTURAL PAD AND ANCHORAGE REQUIREMENTS. ELECTRICAL CONTRACTOR TO COORDINATE IN FIELD FOR INSTALLATION OF ELECTRICAL EQUIPMENT FOUNDATIONS AS SHOWN.
- CONDUIT ONLY TO BE STUBBED INTO PULL BOX FLUSH IN GRADE FOR FUTURE CHARGER INSTALLATION. PULL BOX TO BE TRAFFIC RATED. TYPICAL OF 2. SEE FEEDER SCHEDULE SHEET E-030 FOR CONDUIT SIZE.
- SEE SHEET E-030 FOR CONDUIT AND FEEDER SCHEDULE. TYPICAL FOR FEEDER CALL-OUT REFERENCES.
- INSTALLATION OF ELECTRICAL EQUIPMENT AND CONDUIT TO BE CONFIRMED UPON RECEIPT OF APPROVED MANUFACTURER CERTIFIED DRAWINGS. TYPICAL.
- COORDINATE INSTALLATION OF UNDERGROUND CONDUIT WITHIN CONDUIT-STUB UP REGION OF CHARGER POWER BLOCK AS PER ENGINEER APPROVED MANUFACTURER SUBMITTALS.
- FUTURE PG&E PAD MOUNT TRANSFORMER.
- FUTURE SECONDARY CONNECTION VIA BUS DUCT.
- FUTURE ELECTRICAL WORKING CLEARANCE AS PER AHI. MAINTAIN LEVEL SURFACE FREE AND CLEAR OF OBSTRUCTIONS.
- 2'4" x 3'4". FLUSH IN GRADE. TRAFFIC RATED PULL BOX. STAMP LID "ELECTRICAL". TERMINATE (2) 4" CONDUIT ONLY FOR (F) PG&E PRIMARY SERVICE EXTENSION. PULL BOX WILL BE REMOVED AND CONDUITS WILL BE INTERCEPTED AND EXTENDED TO THE (F) PG&E TRANSFORMER LOCATION DURING PHASE 2.
- FUTURE PRIMARY EXTENSION. (1) 4" CONDUIT ONLY PROVIDE WITH PULL ROPE.
- PROTECTION BOLLARD, REMOVABLE WHERE INDICATED WITH "R".
- CONDUIT TO BE STUBBED INTO UTILITY YARD GRAVEL AND CAPPED BELOW GRADE FOR FUTURE SOLAR.
- PROVIDE A NEMA 5-20R, GFI, RECEPTACLE WITHIN THE COMMUNICATION PANEL. FIELD LOCATE AND COORDINATE WITH ICT SHEETS.
- CONDUIT TO BE STUBBED INTO UTILITY YARD GRAVEL AND CAPPED BELOW GRADE FOR FUTURE EV CHARGER.

#### PLAN CHECK SUBMITTAL

Revision	By	Appd	YYYY-MM-DD	Issued	By	Appd	YYYY-MM-DD
C	Addendum 2 PG&E Service Coordination Revisions	SE	HG	2020.03.27			
B	Plan Check Revisions #2	SE	HG	2020.03.04			
2	Plan Check Revisions #2	SE	HG	2020.03.04			
A	Design Coordination Revisions	SE	HG	2020.01.10			
T	Plan Check Revisions	SE	HG	2020.01.10			

Permit/Seal



EXPIRES: 12.31.2021

Consultant



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SUITE A - P.O. BOX 1568 | EINFO@GECECORP.COM  
SANTA MARIA, CA 93455 | WWW.GECECORP.COM

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Client/Project Logo



Client/Project

San Luis Obispo Regional Transit Authority

Bus Maintenance Facility

253 Elks Lane, San Luis Obispo, CA 93401

Title

ENLARGED  
ELECTRICAL SITE PLAN

Project No.

2270449601

Revision

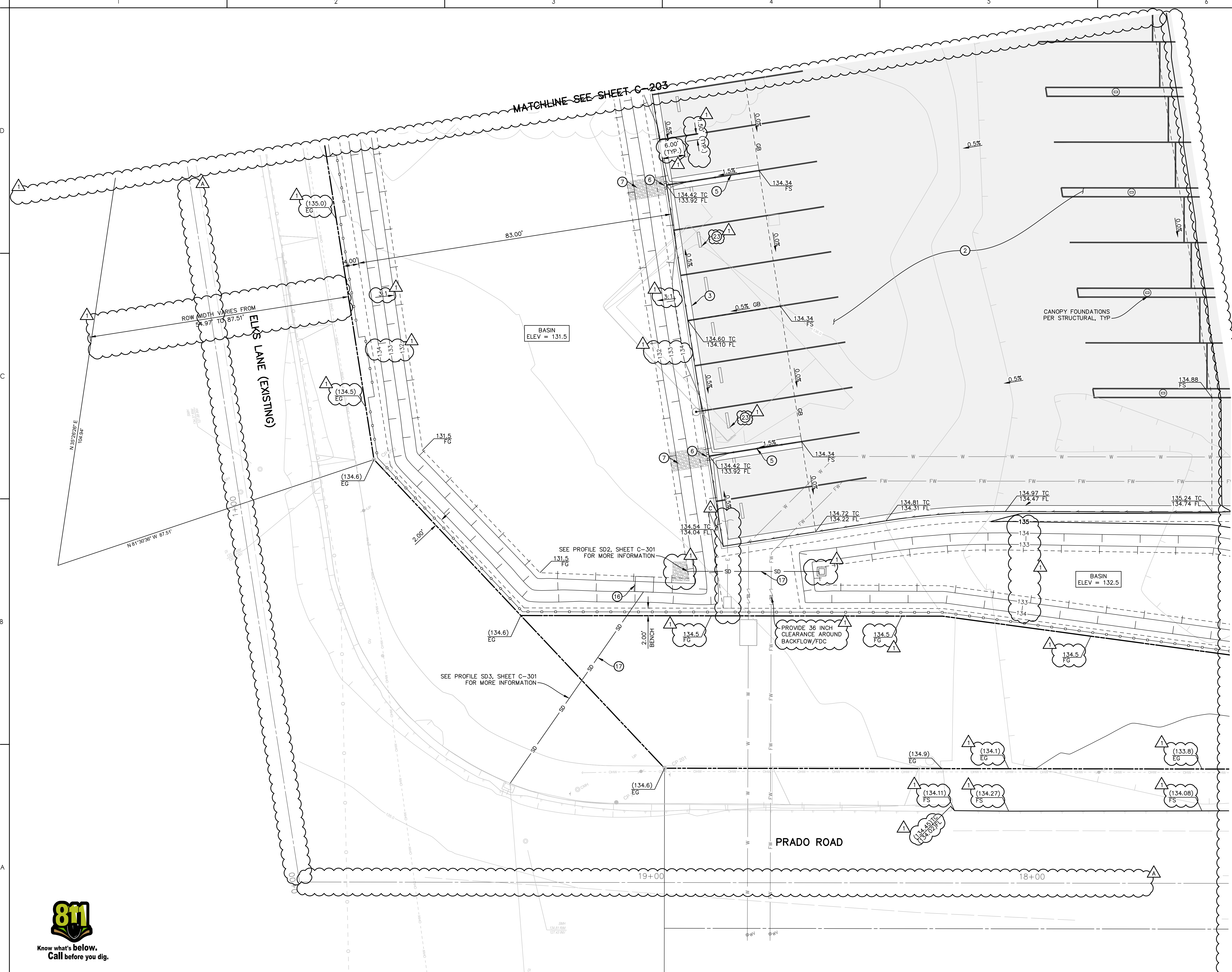
2

Scale

As Indicated

Drawing No.

E-101

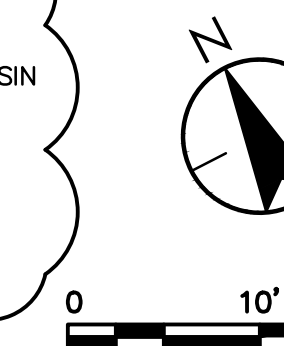


### CONSTRUCTION NOTES

1. CONSTRUCT 3.25" ASPHALT PAVEMENT OVER 12" AGGREGATE BASE COMPACTED TO 95% COMPACTION PER DETAIL A, SHEET C-208.
2. CONSTRUCT 9" CONCRETE PAVEMENT OVER 6" AGGREGATE BASE COMPACTED TO 95% COMPACTION PER DETAIL B, SHEET C-208.
3. CONSTRUCT 6" CURB AND 18" GUTTER PER DETAIL C, SHEET C-208.
4. CONSTRUCT 6" CURB ONLY PER DETAIL C, SHEET C-208.
5. CONSTRUCT 36" RIBBON GUTTER PER DETAIL D, SHEET C-208.
6. CONSTRUCT 1" WIDE CURB OPENING PER DETAIL E, SHEET C-208.
7. CONSTRUCT RIP RAP APRON AT CURB OPENING PER DETAIL F, SHEET C-208.
8. CONSTRUCT CONCRETE SIDEWALK AND FLATWORK PER DETAIL G, SHEET C-208.
9. CONSTRUCT RETAINING CURB PER DETAIL H, SHEET C-208.
10. CONSTRUCT CURB DRAIN OUTLET PER DETAIL I, SHEET C-208.
11. CONSTRUCT CONCRETE RAMP PER DETAIL J, SHEET C-208.
12. CONSTRUCT CONCRETE STEPS PER DETAIL K, SHEET C-208.
13. CONSTRUCT GUTTER PAN AT WALKWAY PER DETAIL L, SHEET C-208.
14. CONSTRUCT GUTTER PAN AT THE END OF GUTTER PER DETAIL M, SHEET C-208.
15. CONSTRUCT ROOF DRAIN TO PIPE CONNECTION PER DETAIL N, SHEET C-208.
16. CONSTRUCT HEADWALL PER MODIFIED CALTRANS 2018 STANDARD PLAN 089 (SEE DETAIL O, SHEET C-209 FOR MORE DETAIL).
17. CONSTRUCT HDPE STORM DRAIN PER DETAIL P, SHEET C-209. SIZE PER PLAN.
18. CONSTRUCT 60" DIAMETER PRECAST CONCRETE STORM DRAIN MANHOLE WITH TRAFFIC RATED COVER PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 3530.
19. CONSTRUCT RETAINING WALL PER SHEETS C-212 - C-213.
20. MODIFY GUTTER SLOPE PER PLAN.
21. CONSTRUCT BOLLARD PER DETAIL Q, SHEET C-209.
22. CONSTRUCT TRUNCATED DOMES PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 4440.
23. CONSTRUCT WHEEL STOP PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 2260.
24. CONSTRUCT 3" NDS METAL GRATE WITH 3" SCHD 40 PVC PIPE DRAIN. SLOPE CONCRETE TO DRAIN IN THE AREA OF THE GRATE.
25. CONSTRUCT 12" x 6" REDUCER AND CLEANOUT PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 6710.

### LEGEND

- |                        |                                     |
|------------------------|-------------------------------------|
| 135.0                  | PROPOSED MAJOR CONTOUR              |
| 136.0                  | PROPOSED MINOR CONTOUR              |
| 135.0                  | EXISTING MAJOR CONTOUR              |
| 136.0                  | EXISTING MINOR CONTOUR              |
| GB                     | GRADE BREAK                         |
| SW                     | SWALE                               |
| RETAINING WALL         | RETAINING WALL                      |
| 130.00 TC<br>129.50 FL | TOP OF CURB AND FLOW LINE ELEVATION |
| 130.00 FS              | FINISHED SURFACE ELEVATION          |
| 130.0 FG               | FINISHED GRADE ELEVATION            |
| 2.0%                   | GRADE SLOPE                         |
| LIGHT                  | LIGHT                               |
| CATCH BASIN            | CATCH BASIN                         |
| FENCE                  | FENCE                               |
| GRATE                  | GRATE                               |



PLAN CHECK SUBMITTAL				Permit/Seal	Consultant	Client/Project Logo	Client/Project	Title	
							San Luis Obispo Regional Transit Authority	GRADING PLAN	
							Bus Maintenance Facility		
							253 Elks Lane, San Luis Obispo, CA 93401		
								Project No.	Scale
								2270449601	AS NOTED
								Revision	Sheet
								1	10 of 26
								Drawing No.	
								C-205	

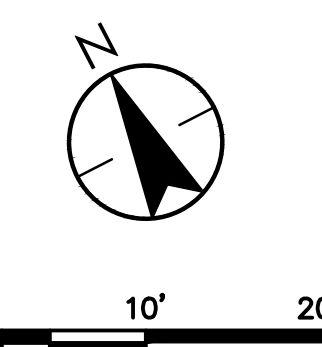
MATCHLINE SEE SHEET C-204

### CONSTRUCTION NOTES

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2. CONSTRUCT 9" CONCRETE PAVEMENT OVER 6" AGGREGATE BASE COMPACTED TO 95% COMPACTION PER DETAIL B, SHEET C-208.
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16. CONSTRUCT HEADWALL PER MODIFIED CALTRANS 2018 STANDARD PLAN D89 (SEE DETAIL O, SHEET C-209 FOR MORE DETAIL).
17. CONSTRUCT HDPE STORM DRAIN PER DETAIL P, SHEET C-209. SIZE PER PLAN.
18. CONSTRUCT 60" DIAMETER PRECAST CONCRETE STORM DRAIN MANHOLE WITH TRAFFIC RATED COVER PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 3530.
19. CONSTRUCT RETAINING WALL PER SHEETS C-212 - C-213.
20. MODIFY GUTTER SLOPE PER PLAN.
21. CONSTRUCT BOLLARD PER DETAIL Q, SHEET C-209.
22. CONSTRUCT TRUNCATED DOMES PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 4440.
23. CONSTRUCT WHEEL STOP PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 2260.
24. CONSTRUCT 3" NDS METAL GRATE WITH 3" SCHD 40 PVC PIPE DRAIN. SLOPE CONCRETE TO DRAIN IN THE AREA OF THE GRATE.
25. CONSTRUCT 12"x6" REDUCER AND CLEANOUT PER CITY OF SAN LUIS OBISPO STANDARD DETAIL 6710.

### LEGEND

- |                        |                                     |
|------------------------|-------------------------------------|
| 135.0                  | PROPOSED MAJOR CONTOUR              |
| 136.0                  | PROPOSED MINOR CONTOUR              |
| 135.0                  | EXISTING MAJOR CONTOUR              |
| 136.0                  | EXISTING MINOR CONTOUR              |
| GB                     | GRADE BREAK                         |
| SW                     | SWALE                               |
| RETAINING WALL         | RETAINING WALL                      |
| 130.00 TC<br>129.50 FL | TOP OF CURB AND FLOW LINE ELEVATION |
| 130.00 FS              | FINISHED SURFACE ELEVATION          |
| 130.0 FG               | FINISHED GRADE ELEVATION            |
| 2.0%                   | GRADE SLOPE                         |
| LIGHT                  | LIGHT                               |
| CATCH BASIN            | CATCH BASIN                         |
| FENCE                  | FENCE                               |
| GRATE                  | GRATE                               |



MATCHLINE SEE SHEET C-205



PLAN CHECK SUBMITTAL

Revision	By	App'd	DATE
C Addendum 2-P&G&E Service Coordination Revisions	ASF	ASF	2020.03.27
D Design Coordination Revisions #2	ASF	ASF	2020.03.24
E Plan Check Revisions #2	ASF	ASF	2020.03.24
A Design Coordination Revisions	KP	ASF	2020.01.08
F Plan Check Revisions	TP	ASF	2020.01.08

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F Plan Check Revisions	TP	ASF	2020.01.08



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Client/Project Logo

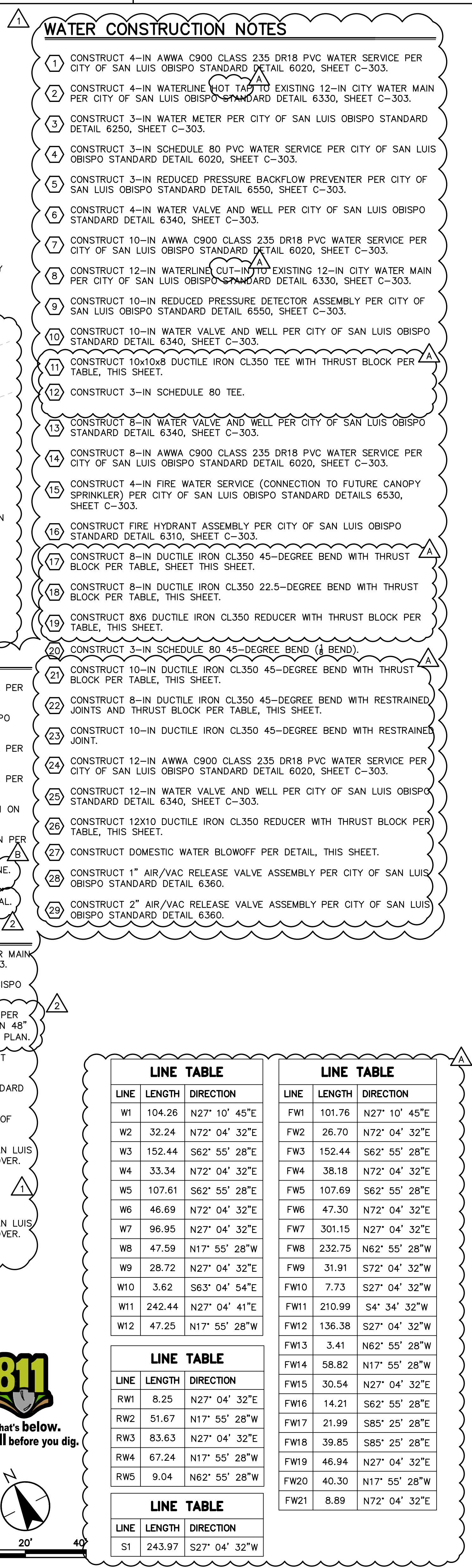
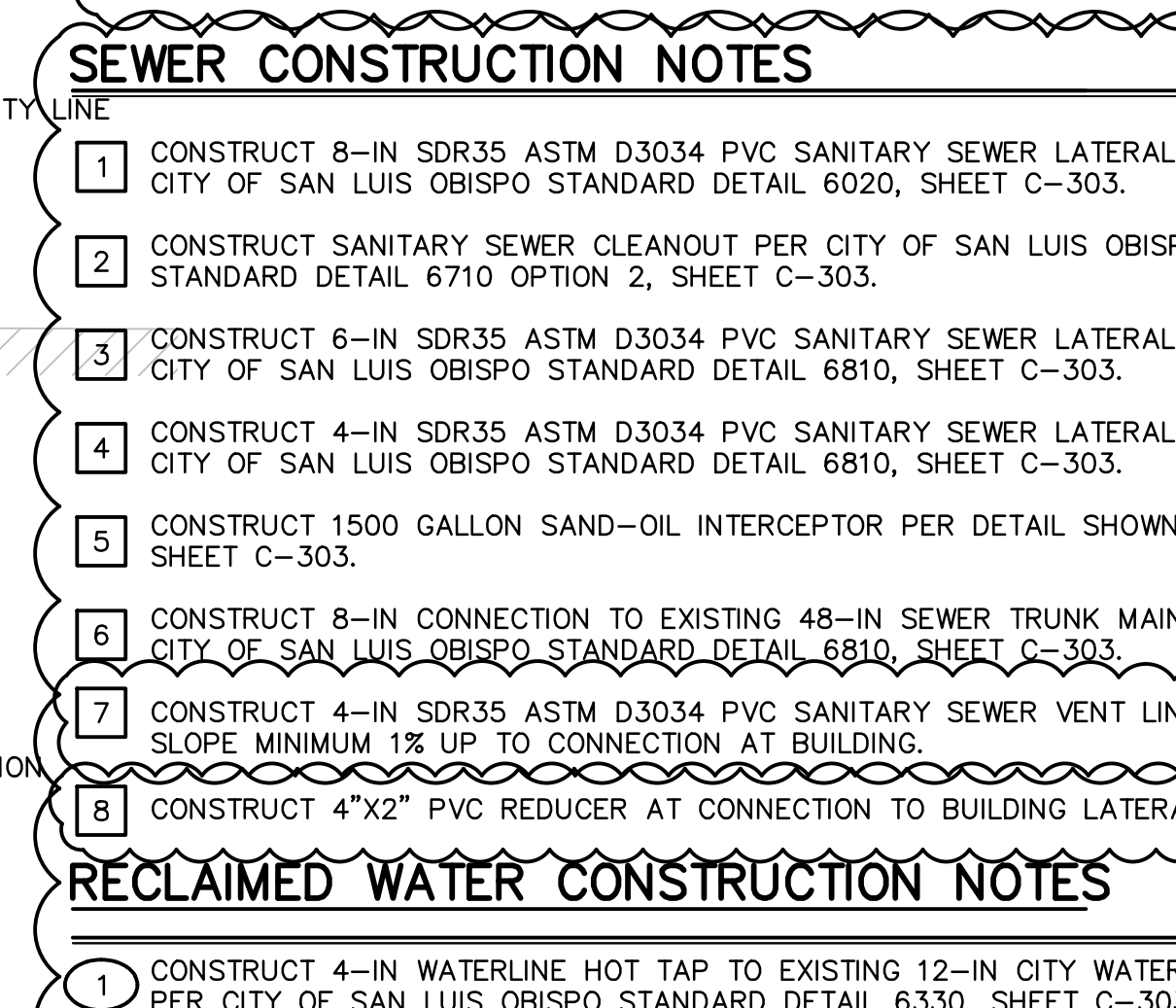
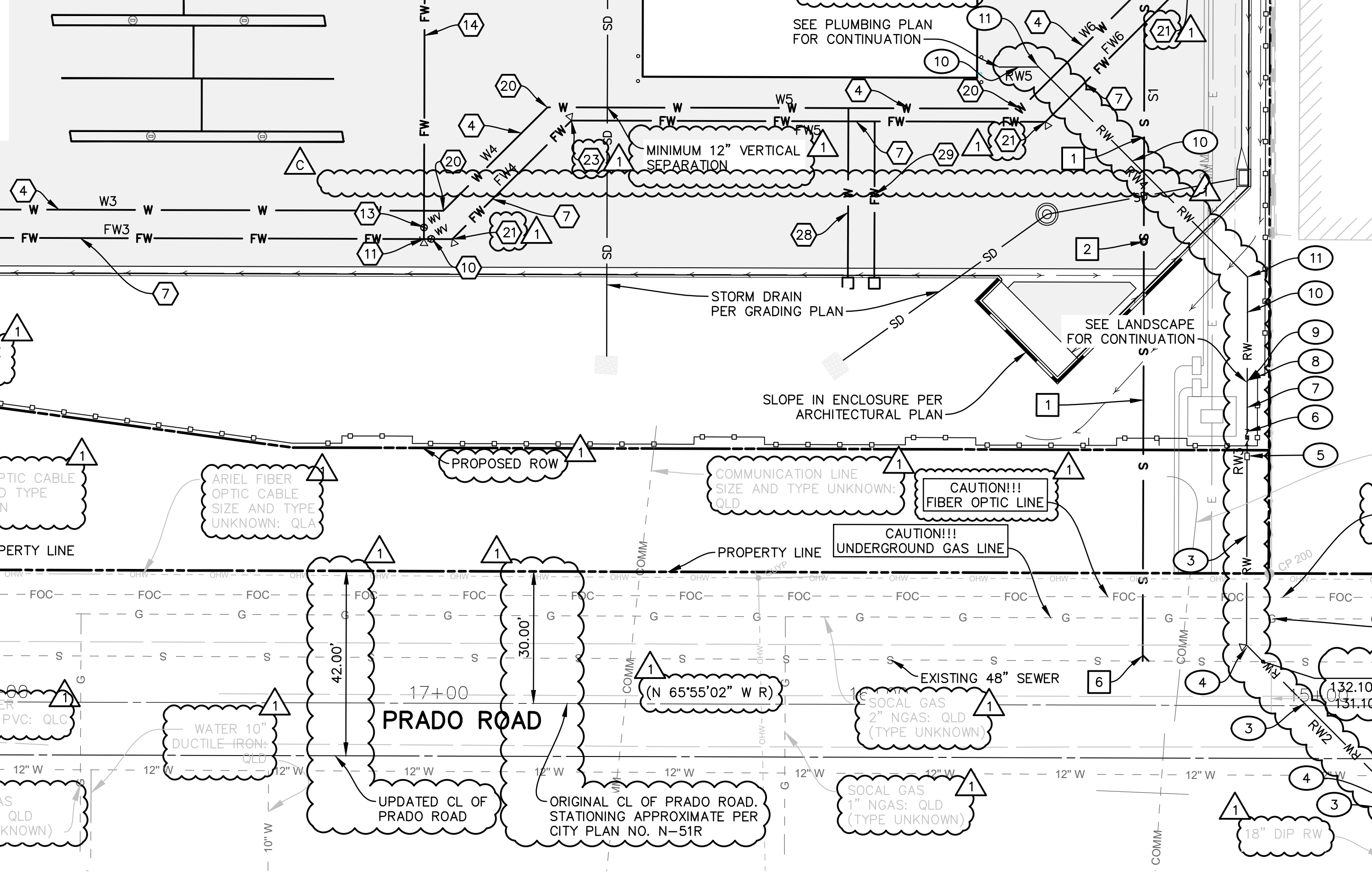
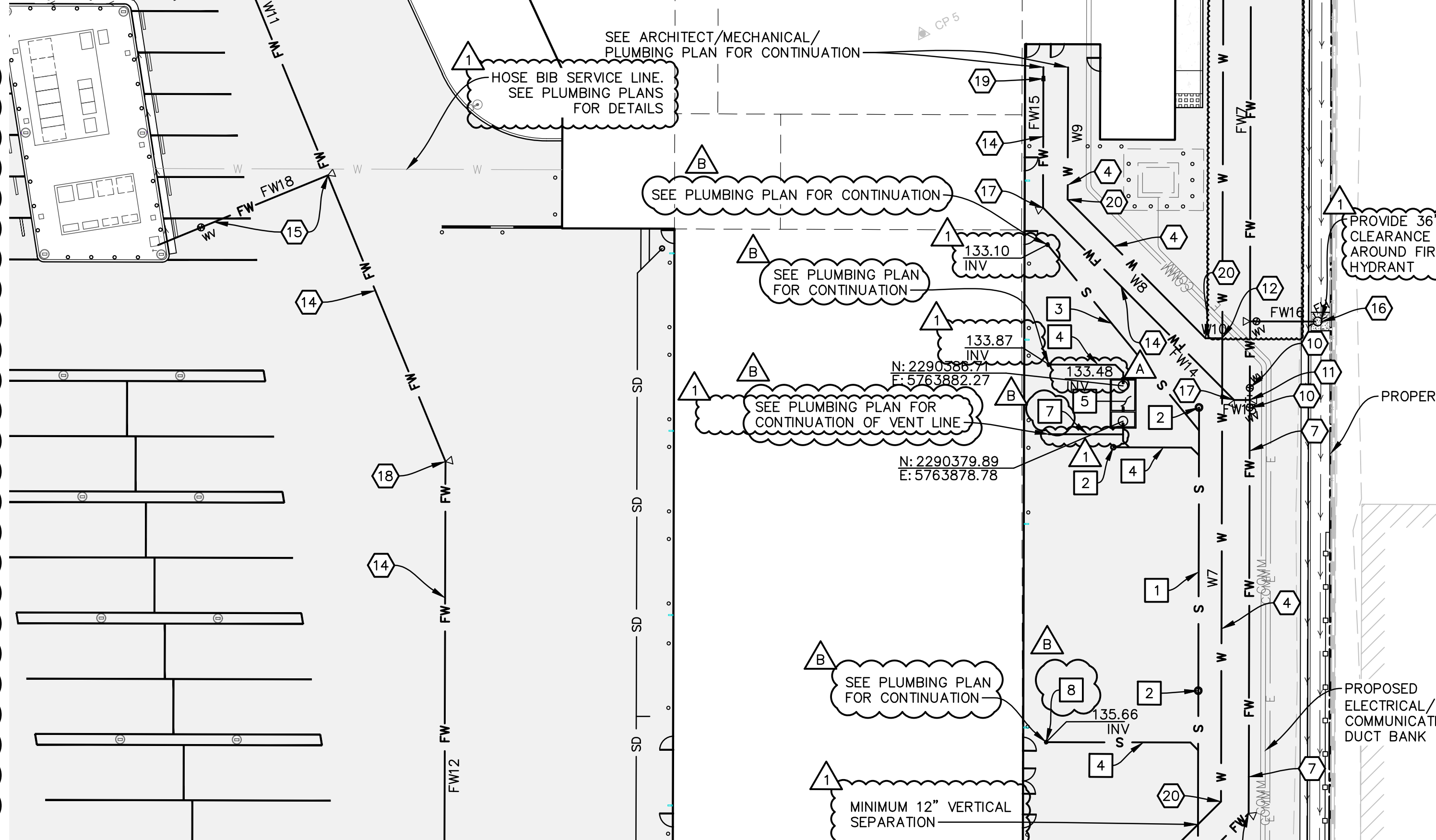
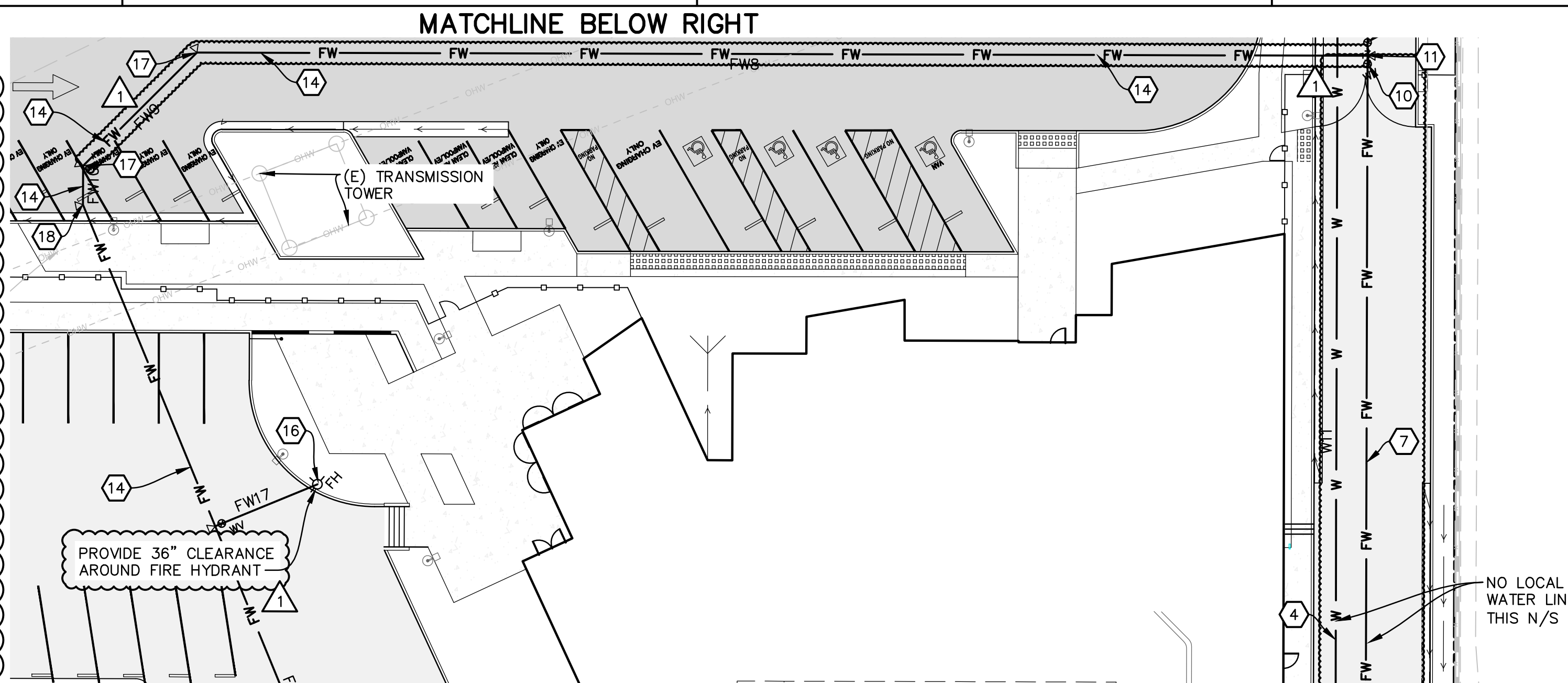


Client/Project  
San Luis Obispo Regional Transit Authority  
  
Bus Maintenance Facility  
  
253 Elks Lane, San Luis Obispo, CA 93401

Title  
GRADING PLAN

Project No.  
2270449601  
Revision Sheet  
1 11 of 26

Scale  
AS NOTED  
Drawing No.  
**C-206**



LINE TABLE		
LINE	LENGTH	DIRECTION
W1	104.26	N27° 10' 45"E
W2	32.24	N72° 04' 32"E
W3	152.44	S62° 55' 28"E
W4	33.34	N72° 04' 32"E
W5	107.61	S62° 55' 28"E
W6	46.69	N72° 04' 32"E
W7	96.95	N27° 04' 32"E
W8	47.59	N17° 55' 28"W
W9	28.72	N27° 04' 32"E
W10	3.62	S63° 04' 54"E
W11	242.44	N27° 04' 41"E
W12	47.25	N17° 55' 28"W

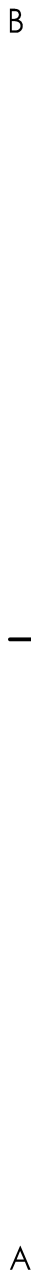
LINE TABLE		
LINE	LENGTH	DIRECTION
RW1	8.25	N27° 04' 32"E
RW2	51.67	N17° 55' 28"W
RW3	83.63	N27° 04' 32"E
RW4	67.24	N17° 55' 28"W
RW5	9.04	N62° 55' 28"W

LINE TABLE		
LINE	LENGTH	DIRECTION
S1	243.97	S27° 04' 32"W

LINE TABLE		
LINE	LENGTH	DIRECTION
FW1	101.76	N27° 10' 45"E
FW2	26.70	N72° 04' 32"E
FW3	152.44	S62° 55' 28"E
FW4	38.18	N72° 04' 32"E
FW5	107.69	S62° 55' 28"E
FW6	47.30	N72° 04' 32"E
FW7	301.15	N27° 04' 32"E
FW8	232.75	N62° 55' 28"W
FW9	31.91	S72° 04' 32"W
FW10	7.73	S27° 04' 32"W
FW11	210.99	S4° 34' 32"W
FW12	136.38	S27° 04' 32"W
FW13	3.41	N62° 55' 28"W
FW14	58.82	N17° 55' 28"W
FW15	30.54	N27° 04' 32"E
FW16	14.21	S62° 55' 28"E
FW17	21.99	S85° 25' 28"E
FW18	39.85	S85° 25' 28"E
FW19	46.94	N27° 04' 32"E
FW20	40.30	N17° 55' 28"W
FW21	8.89	N72° 04' 32"E



C	Addendum 2PG&E Service Coordination Revisions	ASF	ASF 2020.03.27
B	Design Coordination Revisions #2	ASF	ASF 2020.03.06
2	Plan Check Revisions #2	ASF	ASF 2020.03.06
A	Design Coordination Revisions	KP	ASF 2020.01.08
1	Plan Check Revisions	KP	ASF 2020.01.08
<b>Revision</b>		By	App'd YYYY.MM.DD

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**C-302**

## OWNER'S INFORMATION CERTIFICATE

Name and address of property to be protected with sprinkler protection:

San Luis Obispo Regional Transit Authority Bus Maintenance Facility

253 Elks Lane, San Luis Obispo, CA 93401

Name of owner: San Luis Obispo Regional Transit Authority

Existing or planned construction is:

- ☒ Fire-resistive or noncombustible
- ☐ Wood frame or ordinary (masonry walls with wood beams)
- ☐ Unknown

Describe the intended use of the building: Bus maintenance and operations facility, approximately 29,000 gross sqft, 2,600 sqft of mezzanine/equip platforms. Building occupancy includes the administration and operations office areas in addition to the vehicle maint. areas of S-1 occupancy. Facility also includes fire protection provisions for a canopy over bus parking that is exterior to the main bldg.

Note regarding speculative buildings: The design and installation of the fire sprinkler system is dependent on an accurate description of the likely use of the building. Without specific information, assumptions will need to be made that will limit the actual use of the building. Make sure that you communicate any and all use considerations to the fire sprinkler contractor in this form and that you abide by all limitations regarding the use of the building based on the limitations of the fire sprinkler system that is eventually designed and installed.

Is the system installation intended for one of the following special occupancies:

- |                                 |                              |  |
|---------------------------------|------------------------------|--|
| Aircraft hangar                 | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Fixed guide way transit system  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Race track stable               | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Marine terminal, pier, or wharf | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Airport terminal                | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Aircraft engine test facility   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Power plant                     | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Water-cooling tower             | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If the answer to any of the above is "yes," the appropriate NFPA standard should be referenced for sprinkler density/area criteria.

Indicate whether any of the following special materials are intended to be present:

- |                                       |   |  |
|---------------------------------------|---|--|
| Flammable or combustible liquids      | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Aerosol products                      | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Nitrate film                          | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Pyroxylin plastic                     | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Compressed or liquefied gas cylinders | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Liquid or solid oxidizers             | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Organic peroxide formulations         | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Idle pallets                          | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |

If the answer to any of the above is "yes," describe type, location, arrangement, and intended maximum quantities.

Engine and transmission oil stored in double-walled tanks, cumulative total of 720 gallons. Tanks are located in the Lube & Compressor room on the ground floor of the facility with direct exterior access.

Indicate whether the protection is intended for one of the following specialized occupancies or areas:

Spray area or mixing room  
Solvent extraction  
Laboratory using chemicals  
Oxygen-fuel gas system for welding or cutting  
Acetylene cylinder charging  
Production or use of compressed or liquefied gases  
Commercial cooking operation  
Class A hyperbaric chamber  
Cleanroom  
Incinerator or waste handling system  
Linen handling system  
Industrial furnace  
Water-cooling tower

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If the answer to any of the above is "yes," describe type, location, arrangement, and intended maximum quantities.

Small welding shop area for minor welding and repair functions related to vehicle maintenance.

Will there be any storage of products over 12 ft. (3.6m) in height?

Yes ☒ No ☐

If the answer is "yes," describe product, intended storage arrangement, and height.

Palletized general storage for bus parts and equipment up to but not greater than 20-feet in the Parts/Storage area on the ground floor of the building.

Will there be any storage of plastic, rubber, or similar products over 5 ft. (1.5 m) high except as described above?

Yes ☒ No ☐

If the answer is "yes," describe product, intended storage arrangement, and height.

Tire Storage, up to but less than 12-feet in height, in the Tire Shops/Storage area on the ground floor.

Is there any special information concerning the water supply?

Yes ☐ No ☒

If the answer is "yes," provide the information, including known environmental conditions that might be responsible for corrosion, including microbiologically influenced corrosion (MIC).

I certify that I have knowledge of the intended use of the property and that the above information is correct.

Signature of owner's representative or agent: \_\_\_\_\_ Date: \_\_\_\_\_

Name of owner's representative or agent completing certificate (print): \_\_\_\_\_

Relationship and firm of agent (print): \_\_\_\_\_